

=> s l9 and expression
L10 2 L9 AND EXPRESSION

=> d l9 1-3 ti py au kwic

L9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

TI Identification of gene expression profiles in rat ears with **cDNA**
microarrays

PY 2003

AU Lin, Jizhen; Ozeki, Masashi; Javel, Eric; Zhao, Zhenfen; Pan, Wei;
Schlantz, Eileen; Levine, Samuel

TI Identification of gene expression profiles in rat ears with **cDNA**
microarrays

AB . . . physiol. processes of hearing implicate thousands of mols. acting
in harmony; however, their identities are only partially understood. We
used **cDNA** microarrays containing 1,176 genes to identify >150 genes
expressed in rat middle and inner ear tissue. Expressed genes covered
several. . . and biol. pathways, many of which have previously not been
described. Transcription factor genes that were expressed included
inhibitors of **DNA** binding protein (Id). These were localized to
the spiral ganglion, organ of Corti and stria vascularis, and they are
possibly. . .

ST **cDNA** microarray gene expression profile rat ear

IT **DNA** microarray technology

(Atlas rat 1.2 array; identification of gene expression profiles in rat
ears with **cDNA** microarrays)

IT Transcription factors

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(I κ B (inhibitor of NF- κ B), involved in inhibition of cell
growth and proliferation; identification of gene expression profiles in
rat ears with **cDNA** microarrays)

IT Calcium channel

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(L-type, voltage-dependent; identification of gene expression profiles
in rat ears with **cDNA** microarrays)

IT Neuropeptide Y receptors

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(Y5, involved in postsynaptic inhibition; identification of gene
expression profiles in rat ears with **cDNA** microarrays)

IT Transcription factors

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(gene Gax, involved in inhibition of cell growth and proliferation;
identification of gene expression profiles in rat ears with
cDNA microarrays)

IT Gene expression profiles, animal

Rattus

(identification of gene expression profiles in rat ears with
cDNA microarrays)

IT Ear

(inner; identification of gene expression profiles in rat ears with
cDNA microarrays)

IT Ear

(middle; identification of gene expression profiles in rat ears with
cDNA microarrays)

IT Nerve

(neurogenesis, transcription factors involved in; identification of
gene expression profiles in rat ears with **cDNA** microarrays)

IT Cation channel

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(proton-gated; identification of gene expression profiles in rat ears
with **cDNA** microarrays)

IT Angiogenesis

(transcription factors involved in; identification of gene expression
profiles in rat ears with **cDNA** microarrays)

IT 50-67-9, Serotonin, biological studies 51-61-6, Dopamine, biological
studies 51-84-3, Acetylcholine, biological studies 56-12-2, GABA,
biological studies 56-85-9, L-Glutamine, biological studies 9024-58-2,

Glutamic acid decarboxylase 39379-15-2, Neurotensin
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(**receptors** and/or enzymes involved in biosynthesis of;
identification of gene expression profiles in rat ears with
cDNA microarrays)

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

TI Human **glutamic acid receptor**-interaction
protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic
use thereof

PY 2002

IN Mao, Yumin; Xie, Yi

TI Human **glutamic acid receptor**-interaction
protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic
use thereof

AB The invention provides **cDNA** sequences of a novel human
glutamic acid receptor-interaction protein 1
sequence homolog 75.46 (mol. weight 75.46 kDa) cloned from human embryonic
brain. The invention also relates to constructing. . .

ST human protein GRIP17546 **cDNA** sequence; **glutamic
acid receptor** interaction protein 1 homolog 7546

IT Drugs

(GRIP1-75.46 gene or protein products as; human **glutamic
acid receptor**-interaction protein 1 sequence homolog
75.46 and its **cDNA** and therapeutic use thereof)

IT Drug delivery systems

(carriers; human **glutamic acid receptor
-interaction** protein 1 sequence homolog 75.46 and its **cDNA**
and therapeutic use thereof)

IT mRNA

RL: ANT (Analyte); ANST (Analytical study)
(expression detection of GRIP1-75.46; human **glutamic
acid receptor**-interaction protein 1 sequence homolog
75.46 and its **cDNA** and therapeutic use thereof)

IT Gene, animal

RL: ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic
use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study);
BIOL (Biological study); USES (Uses)
(for **glutamic acid receptor**-interaction
protein 1 sequence homolog GRIP1-75.46, of human; human
glutamic acid receptor-interaction protein
1 sequence homolog 75.46 and its **cDNA** and therapeutic use
thereof)

IT **cDNA** sequences

(for **glutamic acid receptor**-interaction
protein 1 sequence homolog GRIP1-75.46; human **glutamic
acid receptor**-interaction protein 1 sequence homolog
75.46 and its **cDNA** and therapeutic use thereof)

IT Disease, animal

(functional disorder of phosphatidylinositol signal pathway, treatment
using GRIP1-75.46 gene or protein products; human **glutamic
acid receptor**-interaction protein 1 sequence homolog
75.46 and its **cDNA** and therapeutic use thereof)

IT Signal transduction, biological

(functional disorder related to phosphatidylinositol, treatment using
GRIP1-75.46 gene or protein products; human **glutamic
acid receptor**-interaction protein 1 sequence homolog
75.46 and its **cDNA** and therapeutic use thereof)

IT Microarray technology

(gene chip; human **glutamic acid receptor
-interaction** protein 1 sequence homolog 75.46 and its **cDNA**
and therapeutic use thereof)

IT Proteins

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study,
unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic
use); ANST (Analytical study); BIOL (Biological study); PREP
(Preparation); USES (Uses)
(**glutamic acid receptor**-interaction

- . protein 1 sequence homolog GRIP1-75.46, of human; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)
- IT Escherichia coli Eukaryota (host; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)
- IT Brain (human embryonic, protein GRIP1-75.46 of; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)
- IT **DNA** microarray technology
 - Drug screening
 - Gene therapy
 - Genetic vectors
 - Human
 - Molecular cloning
 - Plasmid vectors
 - Viral vectors
 - (human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)
- IT Primers (nucleic acid)
 - Probes (nucleic acid)
 - RL: ARG (Analytical reagent use); DGN (Diagnostic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 - (human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)
- IT Antisense oligonucleotides
 - RL: ARG (Analytical reagent use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 - (human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)
- IT Diagnosis
 - (mol.; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)
- IT Antibodies and Immunoglobulins
 - RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 - (monoclonal, to protein GRIP1-75.46; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)
- IT Animal cell line
 - Animal tissue
 - (normal or cancerous, GRIP1-75.46 mRNA expression detection in; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)
- IT Protein sequences
 - (of **glutamic acid receptor**-interaction protein 1 sequence homolog GRIP1-75.46; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)
- IT Antibodies and Immunoglobulins
 - RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 - (to protein GRIP1-75.46; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)
- IT 478899-85-3P
 - RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP

(Preparation); USES (Uses)
 (amino acid sequence; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)

IT 478899-84-2
 RL: ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)

IT 478904-21-1 478904-22-2 478904-23-3 478904-24-4 478904-25-5 478904-26-6
 RL: PRP (Properties)
 (unclaimed nucleotide sequence; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)

IT 478811-00-6
 RL: PRP (Properties)
 (unclaimed sequence; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic use thereof)

L9 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Molecular cloning of **cDNA** for **glutamic acid receptor** of mouse cerebellum
 PY 1993
 2002
 1996
 IN Mishina, Masami
 TI Molecular cloning of **cDNA** for **glutamic acid receptor** of mouse cerebellum
 AB The **cDNA** for **glutamic acid receptor** of mouse cerebellum is cloned, sequenced, and its entire 1464 amino acids deduced. It can be used for study of. . .
 ST cloning **cDNA** glutamate receptor mouse cerebellum
 IT Gene, animal
 RL: BIOL (Biological study)
 (**cDNA**, for **glutamic acid receptor** of mouse cerebellum)

IT Protein sequences
 (of **glutamic acid receptor** of mouse cerebellum)

IT Brain, composition
 (cerebellum, mouse, **cDNA** for **glutamic acid receptor** of, cloning of)

IT Deoxyribonucleic acid sequences
 (complementary, for **glutamic acid receptor** of mouse cerebellum)

IT 147258-43-3, **Glutamic acid receptor** (mouse cerebellum clone pAT4)
 RL: PRP (Properties); BIOL (Biological study)
 (amino acid sequence of and cloning of **cDNA** for)

IT 152618-81-0, **DNA** (mouse cerebellum clone pAT4 **glutamic acid receptor cDNA**)
 RL: PRP (Properties); BIOL (Biological study)
 (nucleotide sequence and cloning of)

=> d his

(FILE 'HOME' ENTERED AT 14:08:47 ON 27 JUN 2005)

FILE 'CAPLUS, BIOSIS, MEDLINE' ENTERED AT 14:09:04 ON 27 JUN 2005

E GABRIEL ANA /AU
E GABRIEL SAN /AU
E GABRIEL ANA SAN /AU
E MAEKAVA TAKAMI /AU
E MAEKAWA TAKAMI /AU

L1 16 S E3
E UNEYAMA HISAYUKI /AU
L2 106 S E3
L3 2 S L1 AND L2
L4 2 DUP REM L3 (0 DUPLICATES REMOVED)
E SAN GARBRIEL ANA /AU
L5 1 S GLUTAMIC (1W) ACID (1W) RECEPTOR (1W) PROTEIN
L6 254 S GLUTAMIC (1W) ACID (1W) RECEPTOR
L7 192 DUP REM L6 (62 DUPLICATES REMOVED)
L8 5 S L7 AND DNA
L9 3 S L8 AND CDNA
L10 2 S L9 AND EXPRESSION

=> d l8 1-5 ti py au so kwic

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

TI Identification of gene expression profiles in rat ears with cDNA microarrays

PY 2003

AU Lin, Jizhen; Ozeki, Masashi; Javel, Eric; Zhao, Zhenfen; Pan, Wei; Schlentz, Eileen; Levine, Samuel

SO Hearing Research (2003), 175(1-2), 2-13
CODEN: HERED3; ISSN: 0378-5955

AB . . . and biol. pathways, many of which have previously not been described. Transcription factor genes that were expressed included inhibitors of DNA binding protein (Id). These were localized to the spiral ganglion, organ of Corti and stria vascularis, and they are possibly. . .

IT DNA microarray technology

(Atlas rat 1.2 array; identification of gene expression profiles in rat ears with cDNA microarrays)

IT 50-67-9, Serotonin, biological studies 51-61-6, Dopamine, biological studies 51-84-3, Acetylcholine, biological studies 56-12-2, GABA, biological studies 56-85-9, L-Glutamine, biological studies 9024-58-2, Glutamic acid decarboxylase 39379-15-2, Neurotensin

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(receptors and/or enzymes involved in biosynthesis of;

identification of gene expression profiles in rat ears with cDNA microarrays)

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

TI Human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof

PY 2002

IN Mao, Yumin; Xie, Yi

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 38 pp.
CODEN: CNXXEV

TI Human glutamic acid receptor-interaction

protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof

AB The invention provides cDNA sequences of a novel human glutamic acid receptor-interaction protein 1 sequence homolog

75.46 (mol. weight 75.46 kDa) cloned from human embryonic brain. The invention also relates to constructing. . .

ST human protein GRIP17546 cDNA sequence; glutamic acid receptor interaction protein 1 homolog 7546

IT Drugs

(GRIP1-75.46 gene or protein products as; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Drug delivery systems

(carriers; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT mRNA

RL: ANT (Analyte); ANST (Analytical study)

(expression detection of GRIP1-75.46; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Gene, animal

RL: ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(for glutamic acid receptor-interaction protein 1 sequence homolog GRIP1-75.46, of human; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT cDNA sequences

(for glutamic acid receptor-interaction protein 1 sequence homolog GRIP1-75.46; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Disease, animal
(functional disorder of phosphatidylinositol signal pathway, treatment using GRIP1-75.46 gene or protein products; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Signal transduction, biological
(functional disorder related to phosphatidylinositol, treatment using GRIP1-75.46 gene or protein products; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Microarray technology
(gene chip; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Proteins
RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
(**glutamic acid receptor**-interaction protein 1 sequence homolog GRIP1-75.46, of human; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Escherichia coli
Eukaryota
(host; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Brain
(human embryonic, protein GRIP1-75.46 of; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT DNA microarray technology
Drug screening
Gene therapy
Genetic vectors
Human
Molecular cloning
Plasmid vectors
Viral vectors
(human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Primers (nucleic acid)
Probes (nucleic acid)
RL: ARG (Analytical reagent use); DGN (Diagnostic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Antisense oligonucleotides
RL: ARG (Analytical reagent use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Diagnosis
(mol.; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Antibodies and Immunoglobulins
RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(monoclonal, to protein GRIP1-75.46; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Animal cell line
Animal tissue.

(normal or cancerous, GRIP1-75.46 mRNA expression detection in; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Protein sequences
(of **glutamic acid receptor**-interaction protein 1 sequence homolog GRIP1-75.46; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Antibodies and Immunoglobulins
RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(to protein GRIP1-75.46; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT 478899-85-3P
RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
(amino acid sequence; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT 478899-84-2
RL: ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(nucleotide sequence; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT 478904-21-1 478904-22-2 478904-23-3 478904-24-4 478904-25-5 478904-26-6
RL: PRP (Properties)
(unclaimed nucleotide sequence; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT 478811-00-6
RL: PRP (Properties)
(unclaimed sequence; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

TI Molecular cloning of cDNA for **glutamic acid receptor** of mouse cerebellum

PY 1993
2002
1996

IN Mishina, Masami

SO Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF

TI Molecular cloning of cDNA for **glutamic acid receptor** of mouse cerebellum

AB The cDNA for **glutamic acid receptor** of mouse cerebellum is cloned, sequenced, and its entire 1464 amino acids deduced. It can be used for study of. . .

IT Gene, animal
RL: BIOL (Biological study)
(cDNA, for **glutamic acid receptor** of mouse cerebellum)

IT Protein sequences
(of **glutamic acid receptor** of mouse cerebellum)

IT Brain, composition
(cerebellum, mouse, cDNA for **glutamic acid receptor** of, cloning of)

IT Deoxyribonucleic acid sequences
(complementary, for **glutamic acid receptor** of mouse cerebellum)

IT .147258-43-3, **Glutamic acid receptor** (mouse cerebellum clone pAT4)
 RL: PRP (Properties); BIOL (Biological study)
 (amino acid sequence of and cloning of cDNA for)

IT 152618-81-0, **DNA** (mouse cerebellum clone pAT4 **glutamic acid receptor** cDNA)
 RL: PRP (Properties); BIOL (Biological study)
 (nucleotide sequence and cloning of)

L8 ANSWER 4 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Differential activation of murine herpesvirus 68- and Kaposi's sarcoma-associated herpesvirus-encoded ORF74 G protein-coupled receptors by human and murine chemokines.
 PY 2004
 AU Verzijl, Dennis; Fitzsimons, Carlos P.; Van Dijk, Marie; Stewart, James P.; Timmerman, Henk; Smit, Martine J. [Reprint Author]; Leurs, Rob
 SO Journal of Virology, (April 2004) Vol. 78, No. 7, pp. 3343-3351. print. ISSN: 0022-538X (ISSN print).

IT . . .
 IT Diseases
 gammaherpesvirus infection: viral disease
 Herpesviridae Infections (MeSH)

IT Chemicals & Biochemicals
 ORF-74 [open reading frame-74]; ORF-74 G protein-coupled receptor;
 glutamic acid leucine receptor

ORGN . . .
 Viruses; Microorganisms
 Organism Name
 Kaposi's sarcoma-associated herpesvirus (common) [Human herpesvirus 8 (species)]: pathogen
 murine herpesvirus 68 (common): pathogen
 Taxa Notes
 Double-Stranded **DNA** Viruses, Microorganisms, Viruses

ORGN Classifier
 Muridae 86375
 Super Taxa
 Rodentia; Mammalia; Vertebrata; Chordata; Animalia
 Organism Name
 mouse (common): host
 Taxa. . .

L8 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Up-regulation of substance P and NMDA receptors in the preganglionic sympathetic neurons by direct stimulation of primary sensory terminals.
 PY 1999
 AU Ohtori, S. [Reprint author]; Chiba, T.; Ino, H.; Hayashi, F.
 SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 682. print.
 Meeting Info.: 29th Annual Meeting of the Society for Neuroscience. Miami Beach, Florida, USA. October 23-28, 1999. Society for Neuroscience. ISSN: 0190-5295.

IT . . .
 nervous system; primary sensory terminals: nervous system; spinal cord:
 nervous system

IT Chemicals & Biochemicals
 NMDA receptors [N-methyl-D-aspartate receptors]: up-regulation;
 glutamic acid receptors; mRNA [messenger RNA]: expression; substance P: up-regulation; substance P receptor

IT Methods & Equipment
 Northern blot: Recombinant **DNA** Technology, analytical method, detection/labeling techniques, gene mapping, molecular probe techniques; in situ hybridization: analytical method, nucleic acid labeling

IT Miscellaneous. . .

=> s 18 and cdna

L9 3 L8 AND CDNA